

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|------------------|
| L1 | 2 | ("20040075464").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/05 16:40 |
| S1 | 439 | atomic near force near microscop\$4 near tip | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/05 12:49 |
| S2 | 393 | scan\$4 near tunnel\$4 near microscop\$4 near tip | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 21:52 |
| S3 | 752 | ((scan\$4 near tunnel\$4 near microscop\$4) or STM) near tip | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 22:06 |
| S4 | 1991 | nanotube with catalyst | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 22:07 |
| S5 | 1663 | "carbon nanotube" with catalyst | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 22:17 |
| S6 | 0 | "carbon nanotube" with Lieber.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 22:17 |
| S7 | 990 | Lieber.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 22:17 |

EAST Search History

| | | | | | | |
|-----|-----|--|---|----|-----|------------------|
| S8 | 40 | Lieber-Cha\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/02 22:18 |
| S9 | 2 | ("20050017171").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/05 13:03 |
| S11 | 182 | ((AFM or STM) with tip) with (\$whisker or nanotube) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/01 10:28 |
| S12 | 84 | ((AFM or STM) with tip) with (\$whisker or nanotube) and (arc) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/01 10:27 |
| S13 | 95 | ((AFM or STM) with tip) with (\$whisker or nanotube) and (arc nea discharge) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/05 13:07 |
| S14 | 95 | ((AFM or STM) with tip) with (\$whisker or nanotube)) and (arc nea discharge) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/01 11:32 |
| S15 | 60 | ((AFM or STM) with tip) with (\$whisker or nanotube)) and (arc near discharge) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/01 11:00 |
| S16 | 590 | magnetic with ((quantum near wire) or (nanotube) or (nanowhisker)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/06 10:41 |

EAST Search History

| | | | | | | |
|-----|-----|--|---|----|-----|------------------|
| S17 | 2 | ("20050017171").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/01 09:06 |
| S18 | 14 | ((AFM or STM) with tip) with (\$whisker or nanotube)) and (bandgap or (band near gap)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/01 09:15 |
| S19 | 195 | ((AFM or STM) with tip) with (\$whisker or nanotube or bandgap or MnAs) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/01 10:37 |
| S20 | 32 | ("4272699" "5482601" "5500200" "5697827" "5726524" "5773834" "5773921" "5872422" "5973444" "6129901" "6146227" "6159742").PN. OR ("6401526").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/01 10:55 |
| S21 | 64 | ((AFM or STM) with tip)) and (bandgap) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/01 11:00 |
| S22 | 45 | ((AFM) with tip)) and (bandgap) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/01 11:21 |
| S23 | 9 | ("20020084502" "20020175408" "20030126742" "5728215" "6210800" "6231744" "6342277" "6420279" "6882051").PN. OR ("6979489").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/01 11:12 |
| S24 | 3 | ("6913982").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/01 11:22 |
| S25 | 3 | ("5923033" "6011261" "6415653").PN. OR ("6913982").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/01 11:22 |

EAST Search History

| | | | | | | |
|-----|------|---|---|----|-----|------------------|
| S26 | 17 | ("4943719" "5021364" "5221415" "5811017" "5883387").PN. OR ("6011261").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/01 11:27 |
| S27 | 2 | ("20020178799").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/01 11:27 |
| S28 | 1523 | ((("spm) with (tip or probe))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/01 11:33 |
| S29 | 7 | ((("spm) with (tip or probe)) and (dop\$3 with (bandgap or "band gap" or "band-gap")))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/01 11:34 |
| S30 | 7 | ((("spm) with (tip or probe)) and (dop\$3 same (bandgap or "band gap" or "band-gap")))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/01 11:34 |
| S31 | 37 | ((("afm) with (tip or probe)) and (dop\$3 same (bandgap or "band gap" or "band-gap")))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/01 12:35 |
| S32 | 7 | ((("spm) with (tip or probe)) and (dop\$3 same (bandgap or "band gap" or "band-gap")))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/01 12:36 |
| S33 | 0 | ((carbon near nanotude) with (dop\$3 with (bandgap or "band gap" or "band-gap")))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/01 12:39 |
| S34 | 6 | ((carbon near nanotube) with (dop\$3 with (bandgap or "band gap" or "band-gap")))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/01 12:48 |

EAST Search History

| | | | | | | |
|-----|-----|--|---|----|-----|------------------|
| S35 | 450 | conductive with AFM | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/01 12:48 |
| S36 | 130 | conductive near2 AFM | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/01 12:49 |
| S37 | 0 | (conductive near2 AFM) and dop\$4 and bandgap | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/01 12:49 |
| S38 | 0 | (conductive with AFM) and dop\$4 and bandgap | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/01 12:49 |
| S39 | 28 | (conductive with AFM) and dop\$4 and (bandgap or "band-gap" or "band gap") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/01 12:56 |
| S40 | 2 | ("6479939").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/01 14:13 |
| S41 | 2 | ("20020041884").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/01 14:13 |
| S42 | 2 | ("20020040884").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/01 14:13 |

EAST Search History

| | | | | | | |
|-----|-------|---|--|----|----|------------------|
| S43 | 17777 | nanotube or nanowire | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/05 13:59 |
| S44 | 17828 | nanotube or nanowire or nanowhisker | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/05 13:59 |
| S45 | 16705 | heterojunction | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/05 13:59 |
| S46 | 135 | S44 with S45 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/05 14:01 |
| S47 | 65 | S46 and @ad<"20030708" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/05 16:40 |
| S48 | 46 | ("20010023986" "20020014667" "20020125192" "20020130311" "20020158342" "5196396" "5252835" "5274602" "5332910" "5338430" "5505928" "5512131" "5640343" "5674592" "5690807" "5751018" "5840435" "5897945" "5990479" "5997832" "6004444" "6036774" "6048616" "6068800" "6128214" "6136156" "6146227" "6159742" "6190634" "6207229" "6225198" "6248674" "6261469" "6294450" "6297592" "6306736" "6322901" "6361861" "6413489" "6471761" "6831017" "6858455").PN. OR ("6962823"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/05 14:13 |